L Number	Hits	Search Text	DB	Time stamp
-	4	(("5333308") or ("5349674")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:04
-	176099	continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:25
-	12462	(fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:08
-	330	(repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:34
-	49	((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:33
-	82901	(continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:02
-	4238633	(file$ or program$ or function$ or subroutine$ or list$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:33
-	3839026	(repair$6 or fix$4 or heal$4 or troubleshoot$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:35
-	90	((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with ((file$ or program$ or function$ or subroutine$ or list$6)) with ((repair$6 or fix$4 or heal$4 or troubleshoot$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:38

•	54247	((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:46
•	17	((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:41
•	27590	((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:50
•	8	((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:53
•	59	((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with ((file$ or program$ or function$ or subroutine$ or list$6)) with ((repair$6 or fix$4 or heal$4 or troubleshoot$4))) not (((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:08
•	10	(("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01

-	0	("06and15").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01
-	0	((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) and ((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709")).PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01
-	83055	(oftent$6 or continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:03
-	12	((("5333308") or ("5349674")).PN.) or ((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709")).PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:03
-	0	((oftent$6 or continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) and (((("5333308") or ("5349674")).PN.) or ((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709")).PN.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:04
-	1930	10.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07
-	4	10.ti. and ((oftent$6 or continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:05
-	13112	10.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07
-	51	10.ab. and ((oftent$6 or continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07

	1528235	"51" not ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)) or ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with ((file$ or program$ or function$ or subroutine$ or list$6)) with ((repair$6 or fix$4 or heal$4 or troubleshoot$4))) not ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:08

-		44	(10.ab. and ((oftent$6 or continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6))) not ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)) or ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with ((file$ or program$ or function$ or subroutine$ or list$6)) with ((repair$6 or fix$4 or heal$4 or troubleshoot$4))) not ((((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) near3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((continuous$6 or frequent$6 or concurrent$6 or contiguous$4) adj3 (detect$6 or track$6 or monitor$6 or check$6)) with (((repair$6 or fix$4 or heal$4 or troubleshoot$4)) adj3 ((file$ or program$ or function$ or subroutine$ or list$6)))) or (((repair$6 or fix$4 or heal$4 or troubleshoot$4) with ((fail$4 or error$4 or problem$ or fault$4) with (continuous$6 with (detect$6 or track$6 or monitor$6 or check$6)))) with (file$ or program$ or function$ or subroutine$ or list$6)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:08

US-PAT-NO: 6640317

DOCUMENT-IDENTIFIER: US 6640317 B1

TITLE: Mechanism for automated generic application
damage
                        detection and repair in strongly encapsulated
application

---------- KWIC ---------

Abstract Text - ABTX (1):
   A method, system, and apparatus for detecting and repairing damaged
portions
of a computer system is provided. In a preferred embodiment of the
present
invention, a damage detection and repair facility monitors and detects
changes
to the computer system. The damage detection and repair facility
compares
these changes to the set of constraints defined by the working
definitions for
each application installed on the computer system. The working
definitions
define the invariant portions of each application and define the
constraints
placed upon the computer system by each application. Responsive to
changes
that are in conflict with this set of constraints, the damage detection
and
repair facility makes such changes in the persistent storage so as to
resolve
these conflicts. This may be done, for example, by **repairing a damaged
file,**
installing a missing driver, or adjusting an environment variable.

Brief Summary Text - BSTX (13):
   Currently the generally accepted method of protecting a computer
system from
damage from outside viral attacks is through the use of third party
vendor
virus protection software products. However, these products must be
updated
frequently to be able to detect the latest viruses. Any new virus that
has
been created since the software was updated may be undetected by the
virus
protection software, thus enabling that virus to corrupt or destroy
files
necessary for the proper performance of the computer.